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***THIS DOCUMENT IS TO BE USED FOR SETTLEMENT PURPOSES ONLY***

March 7, 2000

**BY MESSENGER**

Ms. Sherry L. Estes  
Associate Regional Counsel  
United States Environmental  
Protection Agency, Region V  
77 W. Jackson Blvd.  
Chicago, IL 60604

Ms. Elizabeth O. Murphy  
Associate Regional Counsel  
United States Environmental  
Protection Agency, Region V  
77 W. Jackson Blvd.  
Chicago, IL 60604

Re: Metal Management Midwest, Inc. ("MMMI")  
Modifications and Clarification to Compliance Plan

Dear Sherry and Liz:

This is a supplement to the comprehensive response to your letters dated January 10 and January 12, 2000, and the penalty demands and calculations submitted to Metal Management Midwest, Inc. ("MMMI") by the United States Environmental Protection Agency ("USEPA") on January 13, 2000. All of the matters stated in this letter are for settlement purposes only. By submitting this letter, MMMI does not waive and expressly reserves the right to contest any and all alleged violations identified by USEPA. Specifically, pursuant to Federal Rule of Evidence 408, nothing stated in this letter may be used against MMMI in any formal proceedings to establish liability.

As agreed at our February 16, 2000 meeting, what follows are modifications and clarifications to the Compliance Plan set out in my January 13, 2000 letter to you both.

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Ms. Sherry L. Estes  
Ms. Elizabeth O. Murphy  
March 7, 2000  
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**SPCC Issues**

The timeframe specified for the full implementation of the secondary containment for storage tanks in the January 31, 2000 letter was "a staged process that may require nine months for completion" (page 7). The nine month period began January 31, 2000.

**RCRA Issues**

The localized oil staining at the MMMI Paulina Street facility (page 9 of January 31, 2000 letter) was removed on February 29, 2000. A report regarding the removal is included herewith.

Enclosed herewith is a sampling plan for the pond sediment and the area surrounding the pond. This sampling plan details the number and depth of the samples to be taken. The analytical parameters are also set out in the plan. We would appreciate it if you'd provide us with any comments you may have on the sampling plan by March 21, 2000 so that MMMI will be in a position to implement the sampling plan within thirty days of this letter.

If you have any questions about the topics discussed in this letter, please feel free to call either me or Mark LaRose.

Very truly yours,



Jane DiRenzo Pigott

cc: David Carpenter  
Mark LaRose

**Sampling Plan for Stormwater Pond  
Metal Management Midwest, Inc.  
1509 West Cortland Street, Chicago, Illinois**

**Sampling Approach**

USEPA's START contractor, Ecology & Environmental (E & E), previously has sampled the stormwater pond in the southeast corner of Metal Management Midwest, Inc.'s Cortland Street facility. Samples collected by E & E from soil surrounding the pond and water and sediment within the pond indicated the presence of volatile organic and semivolatile organic compounds, and metals in concentrations that generally did not exceed risk-based screening criteria; exceptions were benzo(a)pyrene and arsenic. Polychlorinated biphenyls (PCBs) were not detected at concentrations that exceeded analytical detection limits.

Based on inspections of the area immediately surrounding the pond and previous sampling activities by E & E in November 1998, four soil-sampling locations outside the pond and three sediment-sampling locations from inside the pond have been selected. The locations are presented on the attached figure. Data developed during the sampling activities will be used in conjunction with E & E's results to evaluate the pond area for environmental impacts.

**Sampling Methodology**

Hand-held instruments will be used to collect soil and sediment samples. The sampling equipment will be decontaminated prior to use and between samples and sampling locations, if dedicated sampling equipment is not used. Upon retrieval, samples will be placed in laboratory-prepared glass jars, preserved on ice and delivered to the laboratory for analyses.

Soil samples will be collected at ground surface (0 to 0.5 feet) and two feet below grade using hand-held sampling equipment. Should the surface soil sample exceed Tier 1 Industrial Remediation Goals under the Illinois Tiered Approach to Corrective Action Objectives (TACO, 35 IAC §742), the subsurface sample will be analyzed for those parameters exceeding the Tier 1 goal. Should Tier 1 goals be exceeded in the surface and subsurface soil samples, a Tier 2 analysis will be conducted to determine if additional data need be collected. In conjunction with the sampling activities, stained areas around the pond will be mapped visually in order to estimate the area impacted by staining.

In addition, three sediment samples will be collected from within the stormwater pond and composited for a single analysis. Approximate locations for sediment samples are present on the attached figure. Sediment samples will be collected using an extended dipper to reach sediment away from the pond shoreline. Care will be taken to collect sediment samples without breaching the liner system installed during construction of the pond.

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Once a sufficient volume of sediment from the three indicated locations has been collected, aliquots from each of the three samples will be composited in a stainless-steel bowl, placed in laboratory-prepared jars, preserved on ice and delivered to the laboratory for analyses. VOC analysis will be conducted on one sediment grab sample to avoid volatilization that may occur during sample blending. One sediment sample will be selected for VOC analysis based on photoionization detector (PID) readings measured at the time of sample collection, or selected randomly if no PID readings are observed. Should the analysis reveal that Tier 1 industrial goal(s) are exceeded, a Tier 2 analysis will be conducted to determine if additional data need be collected.

**Analytical Methods**

Soil samples collected from around the pond and sediment samples collected and composited from within the pond will be analyzed for semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), and the eight RCRA metals (totals). One grab sediment sample will be analyzed for VOCs to avoid volatilization during blending of the composite sample. Analyses will follow USEPA's SW-846 methodologies.

**Quality Assurance**

Data quality will be assured by the following:

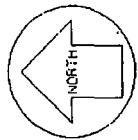
- Sample documentation
- Decontamination procedures or use of dedicated equipment between samples
- Use of chain-of-custodies
- Sample holding time documentation
- Instrument calibration documentation
- Use of method blank, rinsate blank (if applicable) and trip blank (for VOC samples)
- Use of one matrix spike/matrix spike duplicate

**Investigation Derived Waste (IDW)**

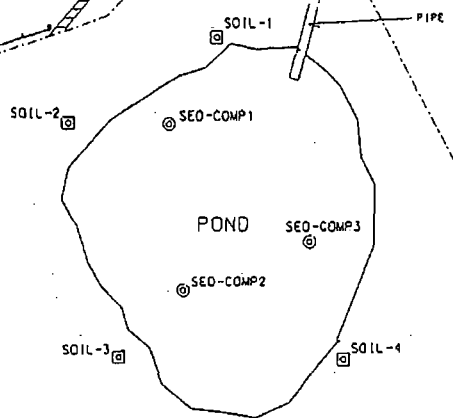
IDW generated during sampling activities will be contained for disposal at a later time. Pond water decanted from sediment samples will be allowed to reenter the pond, and soil cuttings generated during soil sampling will be placed back into the sampling hole.

**Schedule**

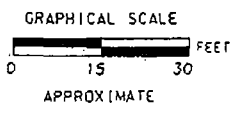
Soil and sediment sampling around and within the stormwater pond is scheduled for the week of March 13, 2000 and is expected to be completed within one day. Analytical results are expected from the laboratory approximately three weeks thereafter.



NORTH BRANCH OF CHICAGO RIVER



LEGEND	
	SOIL SAMPLE LOCATION
	SEDIMENT SAMPLE LOCATION
	RAILROAD
	PROPERTY BOUNDARY
	CORROGATED STEEL SHEETING
	WOOD SHEETING



CPIENVIRONMENTAL SERVICES, INC.  
799 ROOSEVELT ROAD, BUILDING 6, SUITE 110  
GLEN ELLYN, IL 60137

DATE	DESIGNED	CAD	CHECKED	APP'D
2-22-00	MBP	SS	MBP	MBP

REV.	DATE	DESCRIPTION	CAD	APP'D
JOB LOC.		METAL MANAGEMENT MIDWEST INC. 1509 W. CORTLAND AVE. PLANT CHICAGO, ILLINOIS		
TITLE:		SOIL/SEDIMENT SAMPLING PLAN		
DWG NO.	e5370278.dgn	JOB NO.	E5-37-02-78	SCALE: APPROX. 1"=30'

NOTE: AN UNDATED, UNCREDITED SURVEY MAP PROVIDED BY PROPERTY OWNERS WAS USED AS A BASE MAP.

e5370278.dgn